BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA
PROJECTS DIVISION

Bruhat Bengaluru Mahanagara Palike

Name of Work :- Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division

(PACKAGE NO-11)

QUALITY CONTROL REPORTS

"FIRST & PART BILL"

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division.(PACKAGE NO-11)

Quality Control Abstract

Job code: 003-22-000007

Bill Number: 1st &Part Bill

Name of contractor: Sri C. Halappa

Sl No.	Description of Materials	Test	No of Units Tested	No of samples conducted	Test result	Remarks
1	Cement	IS: 12269-1987	Per Batch	Per Batch	Satisfactory	-
2	Fine Aggregates	IS: 383-1970	Per Batch	Per Batch	Satisfactory	-
3	Course Aggregates	As per Morth	Per Batch	Per Batch	Satisfactory	-
4	GSB	to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.	Per Batch	Per Batch	Satisfactory	-
5	Wet Mix	to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.	Per Batch	Per Batch	Satisfactory	-
6	Steel TMT	IS: 1876:2008, IS 1608:2005,IS1599:1985	Per Batch	Per Batch	Satisfactory	-
7	Slabs 100 and 230 mm		Per Batch	Per Batch	Satisfactory	-
8	Kerb	Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.	Per Batch	Per Batch	Satisfactory	-
9	M20 Concrete	Compressive Strength (IS 516-1959)	120	120	Satisfactory	-
10	M30 Concrete	Compressive Strength (IS 516-1959)	132	120	Satisfactory	-

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Cement

Date: 19/02/2022

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	161 Min	Shall Not be less than 30 Min
2.	Final Setting Time	272 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.90 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.15 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	28.50 N/Sqmm	Shall not be less than 27 N /Sq mm

SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE-9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Cement

Date: 21/02/2022

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	160 Min	Shall Not be less than 30 Min
2.	Final Setting Time	273 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.90%	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.20 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	29.50 N/Sqmm	Shall not be less than 27 N /Sq mm

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Cement

Date: 25/02/2022

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	175 Min	Shall Not be less than 30 Min
2.	Final Setting Time	270 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Scieve)	1.97 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.13 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	29.55 N/Sqmm	Shall not be less than 27 N /Sq mm

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SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Cement

Date: 01/03/2022

2. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	155 Min	Shall Not be less than 30 Min
2.	Final Setting Time	281 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.55 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.15 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	30.05 N/Sqmm	Shall not be less than 27 N /Sq mm

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Cement

Date: 05/03/2022

2. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/p21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	177 Min	Shall Not be less than 30 Min
2.	Final Setting Time	273 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Scieve)	1.80 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.19 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	29.30 N/Sqmm	Shall not be less than 27 N /Sq mm

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Fine Agg

Date: 23/02/2022

1. Test report on Fine Aggregates:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.00%	NA
2.	Silt Content	-	.67%	Not more than 8%
3.	Specific Gravity	-	2.50	--

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Fine Agg

Date: 28/02/2022

2. Test report on Fine Aggregates:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.85%	NA
2.	Silt Content	-	.62%	Not more than 8%
3.	Specific Gravity	-	2.71	--

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SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Fine Agg

Date: 25/02/2022

2. Test report on Fine Aggregates:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002) Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.50%	NA
2.	Silt Content	-	.75%	Not more than 8%
3.	Specific Gravity	-	2.76	--

SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Cou Agg

Date: 21/02/2022

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	94.35	95-100
26.50	---	-
22.40	74.15	60-80
11.20	52.10	40-60
4.75	36.45	25-40
2.36	26.70	15-30
0.600	18.05	8-22
0.075	3.45	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Cou Agg

Date: 23/02/2022

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	94.35	95-100
26.50	---	-
22.40	74.15	60-80
11.20	52.10	40-60
4.75	36.45	25-40
2.36	26.70	15-30
0.600	18.05	8-22
0.075	3.45	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 25/02/2022

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.83%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.30%**	Not more than 35.0 %
3.	Water absorption, %	**0.40 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Cou Agg

Date: 05/03/2022

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	94.35	95-100
26.50	---	-
22.40	74.15	60-80
11.20	52.10	40-60
4.75	36.45	25-40
2.36	26.70	15-30
0.600	18.05	8-22
0.075	3.45	0-5

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 19/02/2022

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Water absorption, %	0.42 %	Not more than 2.0 %
2.	Liquid Limit, %	18.30	Not more than 25.0 %
3.	Plasticity Index, %	NP	Not more than 6.0 %
4.	Moisture Content, %	6.45	----------
5.	Aggregate Impact Value, %	28.75	Not more than 40.00 %

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/ GSB

Date: 19/02/2022

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (Grade-V) mix.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
75.00	100.00	100
53.00	98.45	80-100
26.50	81.30	55-90
9.50	54.25	35-65
4.75	42.65	25-50
2.36	17.35	10-20
0.85	8.70	2-10
0.425	3.90	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 19/02/2022

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Water absorption, %	0.40 %	Not more than 2.0 %
2.	Liquid Limit, %	18.50	Not more than 25.0 %
3.	Plasticity Index, %	NP	Not more than 6.0 %
4.	Moisture Content, %	6.76	----------
5.	Aggregate Impact Value, %	28.07	Not more than 40.00 %

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/ GSB

Date: 20/02/2022

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (Grade-V) mix.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
75.00	100.00	100
53.00	96.45	80-100
26.50	82.60	55-90
9.50	56.15	35-65
4.75	43.05	25-50
2.36	17.25	10-20
0.85	8.50	2-10
0.425	3.05	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/ GSB

Date: 21/02/2022

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (Grade-V) mix.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
75.00	100.00	100
53.00	94.65	80-100
26.50	81.35	55-90
9.50	52.15	35-65
4.75	47.80	25-50
2.36	16.25	10-20
0.85	7.90	2-10
0.425	4.10	0-5

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SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 21/02/2021

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Water absorption, %	**0.41 %**	Not more than 2.0 %
2.	Liquid Limit, %	**18.55**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**6.74**	----------
5.	Aggregate Impact Value, %	**28.05**	Not more than 40.00 %

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 21/02/2022

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Water absorption, %	0.42 %	Not more than 2.0 %
2.	Liquid Limit, %	18.56	Not more than 25.0 %
3.	Plasticity Index, %	NP	Not more than 6.0 %
4.	Moisture Content, %	6.75	----------
5.	Aggregate Impact Value, %	28.00	Not more than 40.00 %

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ಕ ಪ ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-10

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

RESULTS OF PHYSICAL PROPERTIES OF TMT STEEL

SPECIMENS 8,10, AND 12,MM DIA

Date of Testing : 21/02/2022

Grade Of Steel: **Fe 500.**
Technical Ref: IS.1786:2008, IS 1608:2005, IS 1599:1985(Reaffined-2006).

Table

SL No	Grade	Nominal Size of Rebar (Dia)	Mass (KG/meter)	Tensile Strength		
				20% Proof Stress / Yeild Stress (N/mm2)	Tensile Strength (N/mm2)	Elongation Percent on gauge Length
1.	Fe 500	8 mm	.33	545	550	13.60
2.	Fe 500	10mm	.65	557	573	14.56
3.	Fe 500	12mm	.84	572	581	14.90

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/WMM Grad Date: 20-02-2022

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	94.36	95-100
26.50	---	-
22.40	74.14	60-80
11.20	52.15	40-60
4.75	36.40	25-40
2.36	26.71	15-30
0.600	18.04	8-22
0.075	3.43	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.63%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.34 %**	Not more than 35.0 %
3.	Water absorption, %	**0.41%**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

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SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/WMM Grad Date: 21-02-2022

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	96.45	95-100
26.50	---	-
22.40	71.15	60-80
11.20	56.25	40-60
4.75	34.85	25-40
2.36	22.10	15-30
0.600	18.25	8-22
0.075	3.65	0-5

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/WMM Grad Date: 22-02-2022

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	97.10	95-100
26.50	---	-
22.40	70.35	60-80
11.20	52.80	40-60
4.75	34.45	25-40
2.36	23.15	15-30
0.600	18.70	8-22
0.075	3.50	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/KERB

Date: 23/02/2022

KerbStone (Core Cutting Method) Test Report

Sub: Testing of concrete Kerb Stones (Core Cutting Method) – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: M15
Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

SL No	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength - N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
1.	78	.354	2311.4	1.56	.960	26.3	13.39	14.47	13.39	17.36
2.	80	.368	2342.7	1.60	.960	26.3	13.39	14.47	13.39	17.36
3.	82	.382	2372.5	1.64	.960	25.10	12.78	13.81	13.25	16.57

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Raft

Date: 28/02/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	Basavalingappa Layout Raft Concrete for Drains and Culvert	21-02-2022	28-02-2022	8.32	7	355.00	15.78	16.13
2		"	"	8.12	"	369.00	16.40	
3		"	"	8.62	"	341.00	15.16	
4		"	"	8.64	"	352.00	15.64	
5		"	"	8.69	"	385.00	17.11	
6		"	"	8.00	"	376.00	16.71	

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Side Walls Date: 22/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	Compressive Strength	Average Strength N/mm2
1	Basavalingappa Layout Side Wall Concrete for Drains and Culvert	22-02-2022	22-03-2022	8.14	28	542.00	24.09	23.73
2		"	"	8.63	"	563.00	25.02	
3		"	"	8.25	"	524.00	23.29	
4		"	"	8.33	"	561.00	24.93	
5		"	"	8.44	"	513.00	22.80	
6		"	"	8.25	"	500.00	22.22	

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Raft

Date: 28/02/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Channamma Narayanappa Layout Raft	21-02-2022	28-02-2022	8.33	7	398.00	17.69	17.98
2		"	"	8.41	"	409.00	18.18	
3		"	"	8.30	"	435.00	19.33	
4		"	"	8.10	"	410.00	18.22	
5		"	"	8.00	"	395.00	17.56	
6		"	"	8.25	"	380.00	16.89	

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MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Side Walls

Date: 01/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strengt h N/mm2	Average Strength N/mm2
1	Channam ma Narayanap pa Layout Side Walls	22-02-2022	01-03-2022	8.30	7	405.00	18.00	18.32
2		"	"	8.15	"	423.00	18.80	
3		"	"	8.62	"	431.00	19.16	
4		"	"	8.41	"	387.00	17.20	
5		"	"	8.55	"	399.00	17.73	
6		"	"	8.36	"	428.00	19.02	

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MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/Side Walls

Date: 22/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strengt h N/mm2	Average Strength N/mm2
1	Channamma Narayanappa Layout Side Walls	22-02-2022	22-03-2021	8.20	28	541.00	24.04	25.01
2		"	"	8.21	"	567.00	25.20	
3		"	"	8.65	"	555.00	24.67	
4		"	"	8.30	"	548.00	24.36	
5		"	"	8.45	"	568.00	25.24	
6		"	"	8.64	"	598.00	26.58	

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MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/ M30 Road

Date: 23/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M30**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strengt h N/mm2	Average Strength N/mm2
1	Basavaling appa Layout 1st Main RHS Cross Roads- 1,2,3 and 4th Cross Roads	23-02-2022	23-03-2022	8.63	28	799.00	35.51	34.65
2		"	"	8.52	"	806.00	35.82	
3		"	"	8.43	"	756.00	33.60	
4		"	"	8.55	"	784.00	34.84	
5		"	"	8.41	"	788.00	35.02	
6		"	"	8.25	"	745.00	33.11	

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ಬಿ ಬಿ ಎಂ ಪಿ, ಬೆಂಗಳೂರು-106

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/ M30 Road

Date: 02/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M30**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strengt h N/mm2	Average Strength N/mm2
1	Basavaling appa Layout 1st Main LHS Cross Roads- 1,2,3 and 4th Cross Roads	23-02-2022	02-03-2022	8.55	7	400.00	17.78	20.48
2		"	"	4.52	"	456.00	20.27	
3		"	"	8.49	"	474.00	21.07	
4		"	"	8.57	"	485.00	21.56	
5		"	"	8.24	"	469.00	20.84	
6		"	"	8.63	"	481.00	21.38	

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SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/ M30 Road

Date: 24/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M30**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strengt h N/mm2	Average Strength N/mm2
1	Masjid Road LHS and RHSRoad	24-02-2022	24-03-2022	8.25	28	769.00	34.18	34.52
2		"	"	8.36	"	784.00	34.84	
3		"	"	8.24	"	765.00	34.00	
4		"	"	8.37	"	788.00	35.02	
5		"	"	8.57	"	748.00	33.24	
6		"	"	8.66	"	806.00	35.82	

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MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/ M30 Road

Date: 03/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri C Halappa.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M30**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	2nd Main Road Cross Roads, 1,2,3 and 4 th Cross Basavaling appa Layout	24-02-2022	03-03-2022	8.25	7	470.00	20.89	22.67
2		"	"	8.41	"	485.00	21.56	
3		"	"	8.25	"	796.00	35.38	
4		"	"	8.52	"	436.00	19.38	
5		"	"	8.45	"	455.00	20.22	
6		"	"	8.45	"	418.00	18.58	

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SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/ M30 Road

Date: 03/03/2022

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Grade Of concrete: **M30**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Narayana Gowda Layout Road	24-02-2022	03-03-2022	8.15	7	485.00	21.56	20.93
2		"	"	8.42	"	475.00	21.11	
3		"	"	4.36	"	486.00	21.60	
4		"	"	8.24	"	475.00	21.11	
5		"	"	8.62	"	469.00	20.84	
6		"	"	8.41	"	435.00	19.33	

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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SHRIYA CONSTRUCTION AND CONSULTANCY

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL-D/PMC/PKG-11/ M30 Road

Date: 24/03/2022

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Ref: Material Testing/PMC/21-22.

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Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M30**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Narayana Gowda Layout Road	24-03-2022	24-03-2022	8.36	28	765.00	34.00	33.83
2		"	"	8.12	"	741.00	32.93	
3		"	"	8.16	"	765.00	34.00	
4		"	"	8.42	"	746.00	33.16	
5		"	"	8.37	"	785.00	34.89	
6		"	"	8.52	"	765.00	34.00	

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